

SEQUENCE LISTING

<110> Tosato, Giovanna et al.

<120> Use of Calreticulin and Calretuculin Fragments to
Inhibi Endothelial Cell Growth and Angiogenesis, and
Suppress Tumor Growth

<130> 4239 53372

<140> -----

<141> 1999-10-05

<150> US 60/103,438

<151> 1998-10-06

<160> 35

<170> PatentIn Ver. 2.0

<210> 1

<211> 1251

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(1251)

<400> 1

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gcc	gag	cct	gcc	gtc	tac	ttc	aag	gag	cag	ttt	ctg	gac	gga	gac	ggg	96
Ala	Glu	Pro	Ala	Val	Tyr	Phe	Lys	Glu	Gln	Phe	Leu	Asp	Gly	Asp	Gly	
		20						25					30			

tgg	act	tcc	cgc	tgg	atc	gaa	tcc	aaa	cac	aag	tca	gat	ttt	ggc	aaa	144
Trp	Thr	Ser	Arg	Trp	Ile	Glu	Ser	Lys	His	Lys	Ser	Asp	Phe	Gly	Lys	
		35					40					45				

ttc	gtt	ctc	agt	tcc	ggc	aag	ttc	tac	ggt	gac	gag	gag	aaa	gat	aaa	192
Phe	Val	Leu	Ser	Ser	Gly	Lys	Phe	Tyr	Gly	Asp	Glu	Glu	Lys	Asp	Lys	
	50					55				60						

ggt	ttg	cag	aca	agc	cag	gat	gca	cgc	ttt	tat	gct	ctg	tcg	gcc	agt	240
Gly	Leu	Gln	Thr	Ser	Gln	Asp	Ala	Arg	Phe	Tyr	Ala	Leu	Ser	Ala	Ser	
65					70				75					80		

ttc	gag	cct	ttc	agc	aac	aaa	ggc	cag	acg	ctg	gtg	gtg	cag	ttc	acg	288
Phe	Glu	Pro	Phe	Ser	Asn	Lys	Gly	Gln	Thr	Leu	Val	Val	Gln	Phe	Thr	
				85				90						95		

gtg	aaa	cat	gag	cag	aac	atc	gac	tgt	ggg	ggc	ggc	tat	gtg	aag	ctg	336
Val	Lys	His	Glu	Gln	Asn	Ile	Asp	Cys	Gly	Gly	Gly	Tyr	Val	Lys	Leu	
			100				105						110			

ttt	cct	aat	agt	ttg	gac	cag	aca	gac	atg	cac	gga	gac	tca	gaa	tac	384
Phe	Pro	Asn	Ser	Leu	Asp	Gln	Thr	Asp	Met	His	Gly	Asp	Ser	Glu	Tyr	
		115					120					125				

gag gag gaa gaa gac aag aaa cgc aaa gag gag gag gag gca gag gac 1152
 Glu Glu Glu Glu Asp Lys Lys Arg Lys Glu Glu Glu Glu Ala Glu Asp
 370 375 380

aag gag gat gat gag gac aaa gat gag gat gag gag gat gag gag gac 1200
 Lys Glu Asp Asp Glu Asp Lys Asp Glu Asp Glu Glu Asp Glu Glu Asp
 385 390 395 400

aag gag gaa gat gag gag gaa gat gtc ccc ggc cag gcc aag gac gag 1248
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 405 410 415

ctg 1251
 Leu

<210> 2
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 <212> PRT
 <213> Homo sapiens

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Ala Glu Pro Ala Val Tyr Phe Lys Glu Gln Phe Leu Asp Gly Asp Gly
 20 25 30

Trp Thr Ser Arg Trp Ile Glu Ser Lys His Lys Ser Asp Phe Gly Lys
 35 40 45

Phe Val Leu Ser Ser Gly Lys Phe Tyr Gly Asp Glu Glu Lys Asp Lys
 50 55 60

Gly Leu Gln Thr Ser Gln Asp Ala Arg Phe Tyr Ala Leu Ser Ala Ser
 65 70 75 80

Phe Glu Pro Phe Ser Asn Lys Gly Gln Thr Leu Val Val Gln Phe Thr
 85 90 95

Val Lys His Glu Gln Asn Ile Asp Cys Gly Gly Gly Tyr Val Lys Leu
 100 105 110

Phe Pro Asn Ser Leu Asp Gln Thr Asp Met His Gly Asp Ser Glu Tyr
 115 120 125

Asn Ile Met Phe Gly Pro Asp Ile Cys Gly Pro Gly Thr Lys Lys Val
 130 135 140

His Val Ile Phe Asn Tyr Lys Gly Lys Asn Val Leu Ile Asn Lys Asp
 145 150 155 160

Ile Arg Cys Lys Asp Asp Glu Phe Thr His Leu Tyr Thr Leu Ile Val
 165 170 175

Arg Pro Asp Asn Thr Tyr Glu Val Lys Ile Asp Asn Ser Gln Val Glu
 180 185 190

Ser Gly Ser Leu Glu Asp Asp Trp Asp Phe Leu Pro Pro Lys Lys Ile
 195 200 205

Lys Asp Pro Asp Ala Ser Lys Pro Glu Asp Trp Asp Glu Arg Ala Lys
 210 215 220
 Ile Asp Asp Pro Thr Asp Ser Lys Pro Glu Asp Trp Asp Lys Pro Glu
 225 230 235 240
 His Ile Pro Asp Pro Asp Ala Lys Lys Pro Glu Asp Trp Asp Glu Glu
 245 250 255
 Met Asp Gly Glu Trp Glu Pro Pro Val Ile Gln Asn Pro Glu Tyr Lys
 260 265 270
 Gly Glu Trp Lys Pro Arg Gln Ile Asp Asn Pro Asp Tyr Lys Gly Thr
 275 280 285
 Trp Ile His Pro Glu Ile Asp Asn Pro Glu Tyr Ser Pro Asp Pro Ser
 290 295 300
 Ile Tyr Ala Tyr Asp Asn Phe Gly Val Leu Gly Leu Asp Leu Trp Gln
 305 310 315 320
 Val Lys Ser Gly Thr Ile Phe Asp Asn Phe Leu Ile Thr Asn Asp Glu
 325 330 335
 Ala Tyr Ala Glu Glu Phe Gly Asn Glu Thr Trp Gly Val Thr Lys Ala
 340 345 350
 Ala Glu Lys Gln Met Lys Asp Lys Gln Asp Glu Glu Gln Arg Leu Lys
 355 360 365
 Glu Glu Glu Glu Asp Lys Lys Arg Lys Glu Glu Glu Glu Ala Glu Asp
 370 375 380
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 385 390 395 400
 Lys Glu Glu Asp Glu Glu Glu Asp Val Pro Gly Gln Ala Lys Asp Glu
 405 410 415
 Leu

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 <213> Homo sapiens

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 20 25 30
 Val Leu Ser Ser Gly Lys Phe Tyr Gly Asp Glu Glu Lys Asp Lys Gly
 35 40 45
 Leu Gln Thr Ser Gln Asp Ala Arg Phe Tyr Ala Leu Ser Ala Ser Phe
 50 55 60

Glu Pro Phe Ser Asn Lys Gly Gln Thr Leu Val Val Gln Phe Thr Val
 65 70 75 80
 Lys His Glu Gln Asn Ile Asp Cys Gly Gly Gly Tyr Val Lys Leu Phe
 85 90 95
 Pro Asn Ser Leu Asp Gln Thr Asp Met His Gly Asp Ser Glu Tyr Asn
 100 105 110
 Ile Met Phe Gly Pro Asp Ile Cys Gly Pro Gly Thr Lys Lys Val His
 115 120 125
 Val Ile Phe Asn Tyr Lys Gly Lys Asn Val Leu Ile Asn Lys Asp Ile
 130 135 140
 Arg Cys Lys Asp Asp Glu Phe Thr His Leu Tyr Thr Leu Ile Val Arg
 145 150 155 160
 Pro Asp Asn Thr Tyr Glu Val Lys Ile Asp Asn Ser Gln Val Glu Ser
 165 170 175
 Gly Ser Leu Glu Asp Asp Trp Asp Phe Leu Pro Pro Lys Lys Ile Lys
 180 185 190
 Asp Pro Asp Ala Ser Lys Pro Glu Asp Trp Asp Glu Arg Ala Lys Ile
 195 200 205
 Asp Asp Pro Thr Asp Ser Lys Pro Glu Asp Trp Asp Lys Pro Glu His
 210 215 220
 Ile Pro Asp Pro Asp Ala Lys Lys Pro Glu Asp Trp Asp Glu Glu Met
 225 230 235 240
 Asp Gly Glu Trp Glu Pro Pro Val Ile Gln Asn Pro Glu Tyr Lys Gly
 245 250 255
 Glu Trp Lys Pro Arg Gln Ile Asp Asn Pro Asp Tyr Lys Gly Thr Trp
 260 265 270
 Ile His Pro Glu Ile Asp Asn Pro Glu Tyr Ser Pro Asp Pro Ser Ile
 275 280 285
 Tyr Ala Tyr Asp Asn Phe Gly Val Leu Gly Leu Asp Leu Trp Gln Val
 290 295 300
 Lys Ser Gly Thr Ile Phe Asp Asn Phe Leu Ile Thr Asn Asp Glu Ala
 305 310 315 320
 Tyr Ala Glu Glu Phe Gly Asn Glu Thr Trp Gly Val Thr Lys Ala Ala
 325 330 335
 Glu Lys Gln Met Lys Asp Lys Gln Asp Glu Glu Gln Arg Leu Lys Glu
 340 345 350
 Glu Glu Glu Asp Lys Lys Arg Lys Glu Glu Glu Glu Ala Glu Asp Lys
 355 360 365
 Glu Asp Asp Glu Asp Lys Asp Glu Asp Glu Glu Asp Glu Glu Asp Lys
 370 375 380
 Glu Glu Asp Glu Glu Glu Asp Val Pro Gly Gln Ala Lys Asp Glu Leu

385

390

395

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 20 25 30
 Val Leu Ser Ser Gly Lys Phe Tyr Gly Asp Glu Glu Lys Asp Lys Gly
 35 40 45
 Leu Gln Thr Ser Gln Asp Ala Arg Phe Tyr Ala Leu Ser Ala Ser Phe
 50 55 60
 Glu Pro Phe Ser Asn Lys Gly Gln Thr Leu Val Val Gln Phe Thr Val
 65 70 75 80
 Lys His Glu Gln Asn Ile Asp Cys Gly Gly Gly Tyr Val Lys Leu Phe
 85 90 95
 Pro Asn Ser Leu Asp Gln Thr Asp Met His Gly Asp Ser Glu Tyr Asn
 100 105 110
 Ile Met Phe Gly Pro Asp Ile Cys Gly Pro Gly Thr Lys Lys Val His
 115 120 125
 Val Ile Phe Asn Tyr Lys Gly Lys Asn Val Leu Ile Asn Lys Asp Ile
 130 135 140
 Arg Cys Lys Asp Asp Glu Phe Thr His Leu Tyr Thr Leu Ile Val Arg
 145 150 155 160
 Pro Asp Asn Thr Tyr Glu Val Lys Ile Asp Asn Ser Gln Val Glu Ser
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 Gly Ser Leu Glu
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<210> 5
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 Lys Asn Val Leu Ile Asn Lys Asp Ile Arg Cys Lys Asp Asp Glu Phe
 20 25 30

Thr His Leu Tyr Thr Leu Ile Val Arg Pro Asp Asn Thr Tyr Glu Val
35 40 45

Lys Ile Asp Asn Ser Gln Val Glu Ser Gly Ser Leu Glu
50 55 60

<210> 6

<211> 49

<212> PRT

<213> Homo sapiens

<400> 6

Asn Tyr Lys Gly Lys Asn Val Leu Ile Asn Lys Asp Ile Arg Cys Lys
1 5 10 15

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20 25 30

Thr Tyr Glu Val Lys Ile Asp Asn Ser Gln Val Glu Ser Gly Ser Leu
35 40 45

Glu

<210> 7

<211> 1958

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (109)..(1362)

<400> 7

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Met Leu Leu
1

tcc gtg ccg ttg ctg ctc ggc ctc ctc ggc ctg gcc gtc gcc gag cct 165
Ser Val Pro Leu Leu Leu Gly Leu Leu Gly Leu Ala Val Ala Glu Pro
5 10 15

gcc gtc tac ttc aag gag cag ttt ctg gac gga gac ggg tgg act tcc 213
Ala Val Tyr Phe Lys Glu Gln Phe Leu Asp Gly Asp Gly Trp Thr Ser
20 25 30 35

cgc tgg atc gaa tcc aaa cac aag tca gat ttt ggc aaa ttc gtt ctc 261
Arg Trp Ile Glu Ser Lys His Lys Ser Asp Phe Gly Lys Phe Val Leu
40 45 50

agt tcc ggc aag ttc tac ggt gac gag gag aaa gat aaa ggt ttg cag 309
Ser Ser Gly Lys Phe Tyr Gly Asp Glu Glu Lys Asp Lys Gly Leu Gln
55 60 65

aca agc cag gat gca cgc ttt tat gct ctg tcg gcc agt ttc gag cct 357
Thr Ser Gln Asp Ala Arg Phe Tyr Ala Leu Ser Ala Ser Phe Glu Pro
70 75 80

ttc agc aac aaa ggc cag acg ctg gtg gtg cag ttc acg gtg aaa cat 405
 Phe Ser Asn Lys Gly Gln Thr Leu Val Val Gln Phe Thr Val Lys His
 85 90 95

gag cag aac atc gac tgt ggg ggc ggc tat gtg aag ctg ttt cct aat 453
 Glu Gln Asn Ile Asp Cys Gly Gly Gly Tyr Val Lys Leu Phe Pro Asn
 100 105 110 115

agt ttg gac cag aca gac atg cac gga gac tca gaa tac aac atc atg 501
 Ser Leu Asp Gln Thr Asp Met His Gly Asp Ser Glu Tyr Asn Ile Met
 120 125 130

ttt ggt ccc gac atc tgt ggc cct ggc acc aag aag gtt cat gtc atc 549
 Phe Gly Pro Asp Ile Cys Gly Pro Gly Thr Lys Lys Val His Val Ile
 135 140 145

ttc aac tac aag ggc aag aac gtg ctg atc aac aag gac atc cgt tgc 597
 Phe Asn Tyr Lys Gly Lys Asn Val Leu Ile Asn Lys Asp Ile Arg Cys
 150 155 160

aag gat gat gag ttt aca cac ctg tac aca ctg att gtg cgg cca gac 645
 Lys Asp Asp Glu Phe Thr His Leu Tyr Thr Leu Ile Val Arg Pro Asp
 165 170 175

aac acc tat gag gtg aag att gac aac agc cag gtg gag tcc ggc tcc 693
 Asn Thr Tyr Glu Val Lys Ile Asp Asn Ser Gln Val Glu Ser Gly Ser
 180 185 190 195

ttg gaa gac gat tgg gac ttc ctg cca ccc aag aag ata aag gat cct 741
 Leu Glu Asp Asp Trp Asp Phe Leu Pro Pro Lys Lys Ile Lys Asp Pro
 200 205 210

gat gct tca aaa ccg gaa gac tgg gat gag cgg gcc aag atc gat gat 789
 Asp Ala Ser Lys Pro Glu Asp Trp Asp Glu Arg Ala Lys Ile Asp Asp
 215 220 225

ccc aca gac tcc aag cct gag gac tgg gac aag ccc gag cat atc cct 837
 Pro Thr Asp Ser Lys Pro Glu Asp Trp Asp Lys Pro Glu His Ile Pro
 230 235 240

gac cct gat gct aag aag ccc gag gac tgg gat gaa gag atg gac gga 885
 Asp Pro Asp Ala Lys Lys Pro Glu Asp Trp Asp Glu Glu Met Asp Gly
 245 250 255

gag tgg gaa ccc cca gtg att cag aac cct gag tac aag ggt gag tgg 933
 Glu Trp Glu Pro Pro Val Ile Gln Asn Pro Glu Tyr Lys Gly Glu Trp
 260 265 270 275

aag ccc cgg cag atc gac aac cca gat tac aag ggc act tgg atc cac 981
 Lys Pro Arg Gln Ile Asp Asn Pro Asp Tyr Lys Gly Thr Trp Ile His
 280 285 290

cca gaa att gac aac ccc gag tat tct ccc gat ccc agt atc tat gcc 1029
 Pro Glu Ile Asp Asn Pro Glu Tyr Ser Pro Asp Pro Ser Ile Tyr Ala
 295 300 305

tat gat aac ttt ggc gtg ctg ggc ctg gac ctc tgg cag gtc aag tct 1077
 Tyr Asp Asn Phe Gly Val Leu Gly Leu Asp Leu Trp Gln Val Lys Ser
 310 315 320

ggc acc atc ttt gac aac ttc ctc atc acc aac gat gag gca tac gct 1125
 Gly Thr Ile Phe Asp Asn Phe Leu Ile Thr Asn Asp Glu Ala Tyr Ala
 325 330 335

gag gag ttt ggc aac gag acg tgg ggc gta aca aag gca gca gag aaa 1173
 Glu Glu Phe Gly Asn Glu Thr Trp Gly Val Thr Lys Ala Ala Glu Lys
 340 345 350 355

caa atg aag gac aaa cag gac gag gag cag agg ctt aag gag gag gaa 1221
 Gln Met Lys Asp Lys Gln Asp Glu Glu Gln Arg Leu Lys Glu Glu Glu
 360 365 370

gaa gac aag aaa cgc aaa gag gag gag gag gca gag gac aag gag gat 1269
 Glu Asp Lys Lys Arg Lys Glu Glu Glu Glu Ala Glu Asp Lys Glu Asp
 375 380 385

gat gag gac aaa gat gag gat gag gag gat gag gag gac aag gag gaa 1317
 Asp Glu Asp Lys Asp Glu Asp Glu Glu Asp Glu Glu Asp Lys Glu Glu
 390 395 400

gat gag gag gaa gat gtc ccc ggc cag gcc aag gac gag ctg tag 1362
 Asp Glu Glu Glu Asp Val Pro Gly Gln Ala Lys Asp Glu Leu
 405 410 415

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ccaaataatg tctctgtgag actcgagaac tttcattttt ttccaggctg gttcggattt 1482

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gaggaagaac ggggctcttc tcatttcacc cctcccttcc tcccctgccc ccaggactgg 1842

gccacttctg ggtggggcag tgggtccag attggctcac actgagaatg taagaactac 1902

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<213> Homo sapiens

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His Leu Tyr Thr Leu Ile Val Arg Pro Asp Asn Thr Tyr Glu Val Lys
 35 40 45

Ile Asp Asn Ser Gln Val Glu Ser Gly Ser Leu Glu

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55

60

<210> 9
 <211> 280
 <212> PRT
 <213> Homo sapiens

<400> 9

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 1 5 10 15
 Asn Val Leu Ile Asn Lys Asp Ile Arg Cys Lys Asp Asp Glu Phe Thr
 20 25 30
 His Leu Tyr Thr Leu Ile Val Arg Pro Asp Asn Thr Tyr Glu Val Lys
 35 40 45
 Ile Asp Asn Ser Gln Val Glu Ser Gly Ser Leu Glu Asp Asp Trp Asp
 50 55 60
 Phe Leu Pro Pro Lys Lys Ile Lys Asp Pro Asp Ala Ser Lys Pro Glu
 65 70 75 80
 Asp Trp Asp Glu Arg Ala Lys Ile Asp Asp Pro Thr Asp Ser Lys Pro
 85 90 95
 Glu Asp Trp Asp Lys Pro Glu His Ile Pro Asp Pro Asp Ala Lys Lys
 100 105 110
 Pro Glu Asp Trp Asp Glu Glu Met Asp Gly Glu Trp Glu Pro Pro Val
 115 120 125
 Ile Gln Asn Pro Glu Tyr Lys Gly Glu Trp Lys Pro Arg Gln Ile Asp
 130 135 140
 Asn Pro Asp Tyr Lys Gly Thr Trp Ile His Pro Glu Ile Asp Asn Pro
 145 150 155 160
 Glu Tyr Ser Pro Asp Pro Ser Ile Tyr Ala Tyr Asp Asn Phe Gly Val
 165 170 175
 Leu Gly Leu Asp Leu Trp Gln Val Lys Ser Gly Thr Ile Phe Asp Asn
 180 185 190
 Phe Leu Ile Thr Asn Asp Glu Ala Tyr Ala Glu Glu Phe Gly Asn Glu
 195 200 205
 Thr Trp Gly Val Thr Lys Ala Ala Glu Lys Gln Met Lys Asp Lys Gln
 210 215 220
 Asp Glu Glu Gln Arg Leu Lys Glu Glu Glu Glu Asp Lys Lys Arg Lys
 225 230 235 240
 Glu Glu Glu Glu Ala Glu Asp Lys Glu Asp Asp Glu Asp Lys Asp Glu
 245 250 255
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 260 265 270
 Pro Gly Gln Ala Lys Asp Glu Leu

275

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<210> 10
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 <213> Artificial Sequence

<220>
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 <223> Xaa represents I, L, G, C, or A

<220>
 <223> Description of Artificial Sequence:Consensus
 integrin sequence

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<210> 11
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 <223> Xaa represents G, V, or A

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 <223> Xaa represents K or R

<220>
 <223> Description of Artificial Sequence:Consensus
 steroid nuclear receptor sequence

<400> 11
 Lys Xaa Phe Phe Xaa Arg
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<210> 12
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 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:Portion of
 integrin sequence

<400> 12
 Lys Ile Gly Phe Phe Lys Arg
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<210> 13

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<213> Artificial Sequence

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<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 13

Lys Leu Gly Phe Phe Lys Arg
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<210> 14

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 14

Lys Gly Gly Phe Phe Lys Arg
1 5

<210> 15

<211> 7

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 15

Lys Ala Gly Phe Phe Lys Arg
1 5

<210> 16

<211> 7

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 16

Lys Cys Gly Phe Phe Lys Arg
1 5

<210> 17

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 17

Lys Cys Gly Phe Phe Asp Arg
1 5

<210> 18

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 18

Arg Met Gly Phe Phe Lys Arg
1 5

<210> 19

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 19

Lys Val Gly Phe Phe Lys Arg
1 5

<210> 20

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
integrin sequence

<400> 20

Lys Cys Gly Phe Phe Asn Arg
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<210> 21

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
steroid nuclear receptor

<400> 21

Ala Cys Glu Gly Cys Lys Gly Phe Phe Arg Arg Ser Val Gln Lys

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15

<210> 22

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Portion of
steroid nuclear receptor

<400> 22

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1				5					10					15

<210> 23

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Portion of
steroid nuclear receptor

<400> 23

Thr	Cys	Glu	Gly	Cys	Lys	Gly	Phe	Phe	Arg	Arg	Ser	Met	Lys	Arg
1				5					10					15

<210> 24

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
steroid nuclear receptor

<400> 24

Thr	Cys	Gly	Ser	Cys	Lys	Val	Phe	Phe	Lys	Arg	Ala	Val	Glu	Gly
1				5					10					15

<210> 25

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
steroid nuclear receptor

<400> 25

Thr	Cys	Gly	Ser	Cys	Lys	Val	Phe	Phe	Lys	Arg	Ala	Ala	Glu	Lys
1				5					10					15

<210> 26

<211> 15

<212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
 steroid nuclear receptor

<400> 26

Thr Cys Gly Ser Cys Lys Val Phe Phe Lys Arg Ala Met Glu Gly
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<210> 27

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
 steroid nuclear receptor

<400> 27

Ser Cys Glu Gly Cys Lys Ala Phe Phe Lys Arg Ser Ile Gln Gly
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<210> 28

<211> 15

<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence:Portion of
 steroid nuclear receptor

<400> 28

Ser Cys Glu Gly Cys Lys Gly Phe Phe Lys Arg Thr Val Arg Lys
 1 5 10 15

<210> 29

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:Portion of
 steroid nuclear receptor

<400> 29

Thr Cys Glu Gly Cys Thr Gly Phe Phe Lys Arg Ser Ile Arg Lys
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<211> 15

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<223> Description of Artificial Sequence:Portion of

steroid nuclear receptor

<400> 30

Thr Cys Glu Gly Cys Lys Gly Phe Phe Lys Arg Thr Val Gln Lys
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<210> 31

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<223> Description of Artificial Sequence:Portion of
 steroid nuclear receptor

<400> 31

Ser Cys Glu Gly Cys Lys Gly Phe Phe Lys Arg Thr Val Arg Lys
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<210> 32

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<223> Description of Artificial Sequence:Portion of
 estrogen receptor

<400> 33

Lys Ala Phe Phe Lys Arg
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<210> 34

<211> 6

<212> PRT

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<223> Description of Artificial Sequence:Portion of
 thyroid receptor

<400> 34

Lys Ser Phe Phe Arg Arg
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<210> 35
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Portion of
retinoic acid receptor

<400> 35
Lys Gly Phe Phe Arg Arg
1 5

098048-04050
F05040-34F0860